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PATENT

Attorney Docket No.  
033082 M 103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee : Wenling WANG, et al.

Serial No. : 09/963,381

Patent No. : 6,847,015 B2

Issued : January 25, 2005

For HEAT TREATMENT APPARATUS AND CONTROLLER FOR HEAT TREATMENT APPARATUS AND CONTROL METHOD FOR HEAT TREATMENT APPARATUS

*Certificate  
JUL 07 2006  
of Correction*

**REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 C.F.R. § 1.322(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, on behalf of the patent owner, hereby requests official correction of U. S. Patent 6,847,015 B2 to correct an omission on the part of the United States Patent and Trademark Office (USPTO). The cover sheet of the patent does not include the names of two inventors. Attached is Form PTO-1050, Certificate of Correction.

A Request Under 37 CFR § 1.48 to Add Joint Inventors was filed in the USPTO on May 15, 2003. In support of that Request, the Applicants submitted the following documentations:

1. Consent of Assignee to Add Inventors;
2. Statement Under 37 CFR 3.73(b) with copy of executed Assignment;
3. Statement Under 37 CFR 1.48(a) (Sunil Shah);
4. Statement Under 37 CFR 1.48(a) (Pradeep Pandey);
5. Executed Declaration (by all inventors); and

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6. Assignment Recordation Cover Sheet with executed Assignment.

After submission, it was discovered that the Request itself carried the wrong application number. All other papers 1.-6. had the correct application number. Nevertheless, all papers were refiled on January 27, 2004 (with the correct application number). Later, in a communication mailed on November 24, 2004 that contained a Supplemental Action from Primary Examiner Hoang (dated November 15, 2004), the Examiner indicated that the "inventorship of this application has been changed by adding Sunil Shah and Pradeep Pandey as joint inventors." The Bibdata Sheet attached to the Office Communication incorrectly noted that Shah and Pandey's residences were not provided. The Patentee submits that the residence for each inventor, Shah and Pandey, was noted in the previously filed Declaration and Power of Attorney, which was executed on March 24 and 25, 2003, respectively.

A copy of each of the above-mentioned documents and the USPTO's date-stamped postcards are attached for the Examiner's convenience.

Therefore, it is respectfully requested that the USPTO issue a Certificate of Correction to include the names of the omitted two inventors, Sunil Shah and Pradeep Pandey, on the cover page of Patent No. 6,847,015 B2.

The Patentee submits that no fee is due in this matter because the error in the Letters Patent is on the part of the USPTO.

Respectfully submitted,  
SMITH, GAMBRELL & RUSSELL, LLP

By:

  
Michael A. Makuch, Reg. No. 32,263  
1850 M Street, N.W., Suite 800  
Washington, D.C. 20036  
Telephone: (202)263-4300  
Facsimile: (202) 263-4329

Dated: July 5, 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,847,015 B2

Page 1 of 1

APPLICATION NO. : 09/963,381

ISSUE DATE : January 25, 2005

INVENTOR(S) : Wenling WANG, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the face of the patent, please insert

-(73) Inventors: Wenling Wang, Tokyo-To (JP)  
Koichi Sakamoto, Tokyo-To (JP)  
Youngchul Park, Tokyo-To (JP)  
Fujio Suzuki, Tokyo-To (JP)  
Sunil Shah, California (US)  
Pradeep Pandey, California (US)-

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

SMITH, GAMBRELL & RUSSELL, LLP  
1850 M Street, NW - Suite 800  
Washington, DC 20036

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

*100-1000-1000*



**COPY**

**PATENT**

Attorney Docket No.: 033082 MN-102

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Wenling Wang, et al.

U.S. Serial No.: 09/963,381

Group Art Unit: 2812

Filed: : September 27, 2001

Examiner: To Be Assigned

For : HEAT TREATMENT APPARATUS AND CONTROLLER FOR HEAT  
TREATMENT APPARATUS AND CONTROL METHOD FOR HEAT  
TREATMENT APPARATUS

**CONSENT OF ASSIGNEE TO ADD INVENTORS**

Commissioner for Patents  
Washington, DC 20231

Sir :

Tokyo Electron Limited, assignee of the right, title and interest in and to  
U.S. Patent Application No. 09/963,381, hereby consents to the addition of Sunil Shah and  
Pradeep Pandey as named co-inventors in said patent application.

Also being filed concurrently herewith is a Statement under 37 CFR §3.73(b).

February 20, 2003

Date

*Toshihiko Suga*

Signature

Toshihiko SUGA

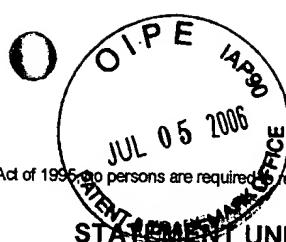
Printed Name of Signator

Vice President,  
Legal & Intellectual Property  
Department

Title of Signator

of Tokyo Electron Limited

*JUL 10 2006*

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: **Tokyo Electron Limited**Application No./Patent No.: **09/963,381** Filed/Issue Date: **September 27, 2001**Entitled: **HEAT TREATMENT APPARATUS AND CONTROLLER FOR HEAT TREATMENT APPARATUS AND CONTROL METHOD FOR HEAT TREATMENT APPARATUS****TOKYO ELECTRON LIMITED****a corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel **012207**, Frame **0778**, or for which a copy thereof is attached.OR.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

February 20, 2003

Date

Toshihiko Suga

Signature

Toshihiko SUGA

Typed or printed name

Vice President, Legal & Intellectual Property Department

Title



# COPY

PATENT

Attorney Docket No.: 055082 MN 103

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Wenling Wang, et al.

U.S. Serial No.: 09/963,381

Group Art Unit: 2812

Filed: : September 27, 2001

Examiner: To Be Assigned

For : HEAT TREATMENT APPARATUS AND CONTROLLER FOR HEAT  
TREATMENT APPARATUS AND CONTROL METHOD FOR HEAT  
TREATMENT APPARATUS

**STATEMENT UNDER 37 CFR § 1.48(a)**

**Commissioner for Patents**  
Washington, D.C. 20231

Attention: **Supervisory Patent Examiner, Unit 2812**

Sir:

I, Sunil Shah, hereby state that the error in failing to identify me as one of the inventorship entity arose without any deceptive intent on my part. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature:

Name: Sunil Shah

Residence: 637 Linden Avenue  
Los Altos, CA 94022

Citizenship: U.S.

3/24/2003

Date

U.S.P. 2000

**COPY****ASSIGNMENT**

This assignment agreement is applicable to an invention entitled:

**HEAT TREATMENT APPARATUS AND CONTROLLER  
FOR HEAT TREATMENT APPARATUS AND CONTROL  
METHOD FOR HEAT TREATMENT APPARATUS**

The PATENT RIGHTS referred to in this agreement are:

(check one)  a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.

■ U.S. patent application Serial No. 09/963,381 filed September 27, 2001.

a U.S. patent application based on PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_, U.S. patent application Serial No. \_\_\_\_\_, if known).

U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ■ U.S. patent rights only.

Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) **Tokyo Electron Limited**  
 (Address) **3-6, Akasaka 5-Chome**  
**Minato-Ku, Tokyo-To**  
**JAPAN**

The ASSIGNEEs are:

(check one)  An Individual.

A Partnership.

■ A Corporation of JAPAN (specify state or country)

(other)

The ASSIGNOR(S), receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

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THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S)  
TOKYO ELECTRON LIMITED

the entire right, title and interest in and to the PATENT RIGHTS;  
the right to sue and recover for any past infringement; and,  
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions,  
based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Wenling WANG</u> Name of sole or first inventor	<u>Wenling Wang</u> Signature	Date <u>Feb 18, 2003</u>
<u>Koichi SAKAMOTO</u> Name of second inventor	<u>Koichi Sakamoto</u> Signature	Date <u>Feb 20, 2003</u>
<u>Youngchul PARK</u> Name of third inventor	<u>Youngchul Park</u> Signature	Date <u>Feb 20, '03</u>
<u>Fujio SUZUKI</u> Name of fourth inventor	<u>Fujio Suzuki</u> Signature	Date <u>February 20, 2003</u>
<u>Sunil SHAH</u> Name of fifth inventor	<u>Sunil R. Shah</u> Signature	Date <u>3/24/2003</u>
<u>Pradeep PANDEY</u> Name of sixth inventor	<u>P. Pandey</u> Signature	Date <u>3/25/03</u>

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**COPY**

Attorney Docket No.: 033082 MN 103



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Wenling Wang, et al.

U.S. Serial No.: 09/963,381

Group Art Unit: 2812

Filed: : September 27, 2001

Examiner: To Be Assigned

For : HEAT TREATMENT APPARATUS AND CONTROLLER FOR HEAT TREATMENT APPARATUS AND CONTROL METHOD FOR HEAT TREATMENT APPARATUS

**STATEMENT UNDER 37 CFR § 1.48(a)**

**Commissioner for Patents**  
**Washington, D.C. 20231**

**Attention: Supervisory Patent Examiner, Unit 2812**

Sir:

I, Pradeep Pandey, hereby state that the error in failing to identify me as one of the inventorship entity arose without any deceptive intent on my part. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature:

Name: Pradeep Pandey

Residence: 7169 Brooktree Court  
San Jose, CA 95120  
Citizenship: U.S.

3/25/03

Date

JUL 10 2006

**COPY**

33082M103

**Declaration and Power of Attorney  
United States Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**HEAT TREATMENT APPARATUS AND CONTROLLER  
FOR HEAT TREATMENT APPARATUS AND CONTROL  
METHOD FOR HEAT TREATMENT APPARATUS**

(check one)

is attached hereto.  
 was filed as U.S. Application No. 09/963,381 on September 27, 2001 and (*if applicable*) was amended on \_\_\_\_\_.  
 was filed as PCT International Application No. \_\_\_\_\_ on \_\_\_\_\_ and (*if applicable*) was amended under PCT Article 36 on \_\_\_\_\_.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign and PCT application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America listed in this Declaration. I have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application(s) on which priority is claimed:

Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)
2000-295262	Japan	27 September 2000	Yes

I hereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application designating the United States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application No.	Filing Date	Status (patented/pending/abandoned?)

I hereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date

I hereby appoint the following attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Robert G. Weilacher (20,531), Herbert M. Hanegan (25,682), Dale Lischer (28,438), Frederick F. Calvetti (28,557), J. Rodgers Lunsford, III (29,405), Michael A. Makuch (32,263), Dennis C. Rodgers (32,936), Mary A. Montebello (33,021), Eric J. Hanson (44,738), Brandon S. Boss (46,567), Robert J. Veal (30,895), Christopher A. Holland (46,316), Brendan E. Squire (48,749) and Brett L. Nelson (48,119).

Send all correspondence to: SMITH, GAMBRELL & RUSSELL, LLP, 1850 M Street, N.W. (Suite 800), Washington, D.C. 20036. All facsimiles may be sent to (202) 263-4329. Direct all phone calls to (202) 263-4300.

2000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor: Wenling WANG Citizenship: China  
Residence (city, state, country): Tokyo-To, Japan  
Post office address: c/o TOKYO ELECTRON LIMITED  
3-6, Akasaka 5-Chome  
Minato-Ku, Tokyo-To, Japan

Signature: Wenling Wang Date: Feb 18, 2003

Full name of second inventor: Koichi SAKAMOTO Citizenship: Japan  
Residence (city, state, country): Tokyo-To, Japan  
Post office address: c/o TOKYO ELECTRON LIMITED  
3-6, Akasaka 5-Chome  
Minato-Ku, Tokyo-To, Japan

Signature: Koichi Sakamoto Date: Feb 20, 2003

Full name of third inventor: Youngchul PARK Citizenship: Korea  
Residence (city, state, country): Tokyo-To, Japan  
Post office address: c/o TOKYO ELECTRON LIMITED  
3-6, Akasaka 5-Chome  
Minato-Ku, Tokyo-To, Japan

Signature: Youngchul Park Date: Feb 20, 2003

Full name of fourth inventor: Fujio SUZUKI Citizenship: Japan  
Residence (city, state, country): Tokyo-To, Japan  
Post office address: c/o TOKYO ELECTRON LIMITED  
3-6, Akasaka 5-Chome  
Minato-Ku, Tokyo-To, Japan

Signature: Fujio Suzuki Date: February 20, 2003

JUL 10 2006

Full name of fifth inventor: Sunil SHAH  
Residence (city, state, country): Los Altos, California, U.S.  
Post office address: 637 Linen Avenue  
Los Altos, California, U.S.

Citizenship: U.S.

Signature: Sunil L. Shah

Date: 3/24/2003

Full name of sixth inventor: Pradeep PANDEY  
Residence (city, state, country): San Jose, California, U.S.  
Post office address: 7169 Brooktree Court  
San Jose, California, U.S.

Citizenship: U.S.

Signature: P. Pandey

Date: 3/25/03

100-2000

## PATENTS ONLY

COPY

Tab settings   

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Wenling WANG  
 Koichi SAKAMOTO  
 Youngchul PARK  
 Fujio SUZUKI

Additional name of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	

Execution Date: 2/18/03; 2/20/03; 2/20/03; and 2/20/03,  
respectively

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

09/963,381

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Smith, Gambrell & Russell

Internal Address: \_\_\_\_\_

Street Address: 1850 M Street, N.W.Suite 800City: Washington State: DC Zip: 200366. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) ..... \$ 40 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

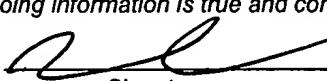
02-4300

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael A. Makuch  
Name of Person SigningMay 15, 2003  
DateTotal number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

2006

CONTINUATION OF BOX 1

Name of conveying party(ies): Execution Date:

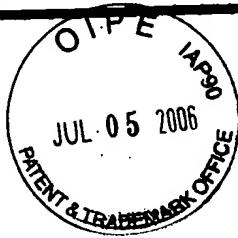
Sunil SHAH 3/24/03

Pradeep PANDEY 3/25/03

**COPY**

ATTN: Shirley McCafferty  
fax# (202) 263-4329  
from: TUTTAWAY  
for 09/963,381

JUL 10 2006



APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/563,381	09/27/2001	Wenling Wang	33082.M103	9454
7590	11/24/2004			

Smith, Gambrell & Russell, LLP  
Beveridge, DeGrandi,  
Weilacher & Young Intellectual Property Group  
1850 M Street, N.W., Suite 800  
Washington, DC 20036

Please find below and/or attached an Office communication concerning this application or proceeding.

DATE MAILED: 11/24/2004

Tu Ba Hoang

3742

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address.

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to papers filed 05/15/03.
2.  The allowed claim(s) is/are 1-24.
3.  The drawings filed on 27 September 2001 are accepted by the Examiner.

4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)  All    b)  Some\*    c)  None of the:

1.  Certified copies of the priority documents have been received.

2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6.  CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a)  including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_

(b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
Paper No./Mail Date \_\_\_\_\_

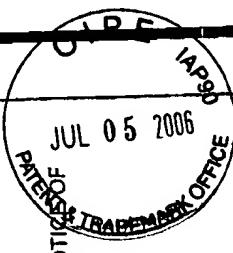
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL

Attachment(s)

1. <input type="checkbox"/> Notice of References Cited (PTO-892)	5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____
3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____	7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment
4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input checked="" type="checkbox"/> Other correct Bib. data sheet.

Tu Hoang  
PRIMARY EXAMINER



**SUPPLEMENTAL ACTION**

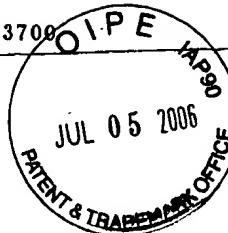
In view of the papers filed on May 15, 2003 (with the wrong application serial number). However, the papers have been received on January 27, 2004, it has been found that this nonprovisional application, as filed, through error and without deceptive intent, improperly set forth the inventorship, and accordingly, this application has been corrected in compliance with 37 CFR 1.48(a). The inventorship of this application has been changed by adding Sunil Shah and Pradeep Pandey as joint inventors. A correct Bib. Data sheet is attached.

The application will be forwarded to the Office of Initial Patent Examination (OIPE) for issuance of a corrected filing receipt, and correction of Office records to reflect the inventorship as corrected.

Claims 1-24 are allowed as for the reason set forth in the previous Office action. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Ba Hoang whose telephone number is (703) 308-3303. The examiner can normally be reached on Mon-Fri from 8:30AM to 5:00PM. If attempts to reach the examiner by telephone are unsuccessful, information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Tu Ba Hoang*  
Tu Ba Hoang  
Primary Examiner  
Art Unit 3742

November 15, 2004



111 1000

## \*BIBDATASHEET\*

Bib Data Sheet

## CONFIRMATION NO. 9454

SERIAL NUMBER 09/963,381	FILING DATE 09/27/2001	CLASS 219	GROUP ART UNIT 3742	ATTORNEY DOCKET NO. 33082M103
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## APPLICANTS

Wenling Wang, Kanagawa-Ken, JAPAN;

Koichi Sakamoto, Kanagawa-Ken, JAPAN;  
 Youngchul Park, Kanagawa-Ken, JAPAN; Fujio Suzuki, Kanagawa-Ken, JAPAN;  
 Sunil Shah, Residence Not Provided;  
 Pradeep Pandey, Residence Not Provided;

## \*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 JAPAN 2000-295262 09/27/2000

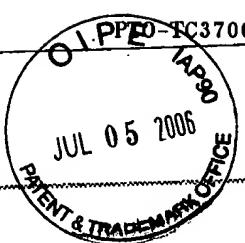
IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 10/23/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 5	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 5
Verified and Acknowledged	Examiner's Signature Initials				

## ADDRESS

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 Washington, DC  
 20036

TITLE  
 HEAT TREATMENT APPARATUS AND CONTROLLER FOR HEAT TREATMENT APPARATUS AND CONTROL  
 METHOD FOR HEAT TREATMENT APPARATUS

 All Fees

Attorney Docket  
033082 TM 103



**COPY**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Hiromi Nakanishi, et al.

Serial No. : 10/193,259

Examiner: TO BE ASSIGNED

Filed: July 12, 2002

Group Art Unit: 2874

For : FIBER WITH FERRULE, AND OPTICAL MODULE AND  
METHOD OF MANUFACTURING THE SAME

**REQUEST UNDER 37 CFR §1.48 TO ADD JOINT INVENTORS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Sir :

It is respectfully requested that the above-identified application be amended to add Sunil Shah and Pradeep Pandey as joint inventors. The application, through error without deceptive intent, names less than all of the co-inventors.

In support of this Request, the Applicants submit the following:

1. Consent of Assignee to Add Inventors;
2. Statement Under 37 CFR 3.73(b) with copy of executed Assignment;
3. Statement Under 37 CFR 1.48(a) (Sunil Shah);
4. Statement Under 37 CFR 1.48(a) (Pradeep Pandey);
5. Executed Declaration;
6. Assignment Recordation Cover Sheet with executed Assignment; and

U.S. Patent Appln. No.: 09/963,381  
Attorney Docket No.: 033082 M 103

7. Check for \$170 to cover the assignment recordation fee and the processing fee set forth in 37 C.F.R. §1.17(i).

In accordance with the foregoing statements and documents, it is submitted that this amendment be entered, and that Sunil Shah and Pradeep Pandey be added as named co-inventors in the above-identified patent application.

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP

  
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Date : May 15, 2003